

## Refine Search

### Search Results -

Terms	Documents
L6 and p and si and (v or mo or w)	5

Database:

US Pre-Grant Publication Full-Text Database  
 US Patents Full-Text Database  
 US OCR Full-Text Database  
 EPO Abstracts Database  
 JPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

Search:

L7

Refine Search

Recall Text

Clear

Interrupt

### Search History

DATE: Friday, December 22, 2006    [Purge Queries](#)    [Printable Copy](#)    [Create Case](#)

**Set Name**    **Query**  
 side by side

**Hit Count**    **Set Name**  
 result set

DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ

<u>L7</u>	L6 and p and si and (v or mo or w)	5	<u>L7</u>
<u>L6</u>	L5 and heteropoly\$9	37	<u>L6</u>
<u>L5</u>	L4 and (palladium or pd)	617	<u>L5</u>
<u>L4</u>	L2 and (carbon monoxide or co) and oxygen	2429	<u>L4</u>
<u>L3</u>	L2 and carbon monoxide and oxygen	259	<u>L3</u>
<u>L2</u>	anistic acid or toluic acid	7336	<u>L2</u>
<u>L1</u>	anistic aid or toluic acid	6377	<u>L1</u>

END OF SEARCH HISTORY

## Hit List

[First Hit](#)[Clear](#)[Generate Collection](#)[Print](#)[Fwd Refs](#)[Bkwd Refs](#)[Generate OACS](#)

Search Results - Record(s) 1 through 10 of 37 returned.

☐ 1. Document ID: US 20060281629 A1

L6: Entry 1 of 37

File: PGPB

Dec 14, 2006

PGPUB-DOCUMENT-NUMBER: 20060281629

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060281629 A1

TITLE: Catalyst comprising N-substituted cyclic imide compound and process for producing organic compound using the catalyst

PUBLICATION-DATE: December 14, 2006

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Ishii; Yasutaka	Osaka		JP
Nakano; Tatsuya	Himeji-shi		JP
Iwahama; Takahiro	Himeji-shi		JP
Hirai; Naruhisa	Himeji-shi		JP

US-CL-CURRENT: [502/167](#); [562/415](#), [562/599](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw. D
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	---------

☐ 2. Document ID: US 20060229196 A1

L6: Entry 2 of 37

File: PGPB

Oct 12, 2006

PGPUB-DOCUMENT-NUMBER: 20060229196

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060229196 A1

TITLE: Catalyst comprising n-substituted cyclic imide compound and process for producing organic compounds using the catalyst

PUBLICATION-DATE: October 12, 2006

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Ishii; Yasutaka	Osaka		JP
Hirai; Naruhisa	Himeji-shi		JP
Terada; Masahiko	Himeji-shi		JP

US-CL-CURRENT: 502/162; 546/98

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. D.
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	----------

☐ 3. Document ID: US 20060102519 A1

L6: Entry 3 of 37

File: PGPB

May 18, 2006

PGPUB-DOCUMENT-NUMBER: 20060102519

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060102519 A1

TITLE: Multiphase reaction process using microchannel technology

PUBLICATION-DATE: May 18, 2006

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Tonkovich; Anna Lee	Dublin	OH	US
Hesse; David John	Columbus	OH	US
Neagle; Paul	Westerville	OH	US
Lamont; Micheal Jay	Hilliard	OH	US
Daly; Francis P.	Delaware	OH	US
Paul Jarosch; Kai Tod	Bexley	OH	US
Stevenson; Richard	Columbus	OH	US
Silva; Laura J.	Dublin	OH	US

US-CL-CURRENT: 208/107

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. D.
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	----------

☐ 4. Document ID: US 20060036100 A1

L6: Entry 4 of 37

File: PGPB

Feb 16, 2006

PGPUB-DOCUMENT-NUMBER: 20060036100

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060036100 A1

TITLE: Catalyst comprising a cyclic imide compound and process for producing organic compounds using the catalyst

PUBLICATION-DATE: February 16, 2006

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Ishii; Yasutaka	Osaka		JP
Nakano; Tatsuya	Himeji-shi		JP
Nagano; Shinya	Himeji-shi		JP
Okuyama; Naoto	Himeji-shi		JP

US-CL-CURRENT: 548/402

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. D.
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	----------

☐ 5. Document ID: US 20060030716 A1

L6: Entry 5 of 37

File: PGPB

Feb 9, 2006

PGPUB-DOCUMENT-NUMBER: 20060030716

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060030716 A1

TITLE: Catalyst comprising cyclic acylurea compound and process for producing organic compounds using the catalyst

PUBLICATION-DATE: February 9, 2006

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Ishii, Yasutaka	Takatsuki-shi		JP
Hirai, Naruhisa	Himeji-shi		JP

US-CL-CURRENT: 548/300.1; 544/216

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. D.
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	----------

☐ 6. Document ID: US 20050020439 A1

L6: Entry 6 of 37

File: PGPB

Jan 27, 2005

PGPUB-DOCUMENT-NUMBER: 20050020439

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050020439 A1

TITLE: Catalyst comprising cyclic acylurea compounds and processes for production organic compounds with the same

PUBLICATION-DATE: January 27, 2005

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Ishii, Yasutaka	Takatsuki-shi		JP
Hirai, Naruhisa	Himeji-shi		JP

US-CL-CURRENT: 502/162; 544/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. D.
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	----------

☐ 7. Document ID: US 20040171871 A1

L6: Entry 7 of 37

File: PGPB

Sep 2, 2004

PGPUB-DOCUMENT-NUMBER: 20040171871  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20040171871 A1

TITLE: Process for producing aromatic carboxylic acids

PUBLICATION-DATE: September 2, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Ishii, Yasutaka	Osaka		JP
Nakano, Tatsuya	Himeji-shi		JP

US-CL-CURRENT: 562/412

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. De
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	-----	----------

☐ 8. Document ID: US 20040053778 A1

L6: Entry 8 of 37

File: PGPB

Mar 18, 2004

PGPUB-DOCUMENT-NUMBER: 20040053778  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20040053778 A1

TITLE: Catalyst comprised of n-substituted cyclic imides and processes for preparing organic compounds with the catalyst

PUBLICATION-DATE: March 18, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Ishii, Yasutaka	Osaka		JP
Hirai, Naruhisa	Hyogo		JP
Terada, Masahiko	Hyogo		JP

US-CL-CURRENT: 502/162

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. De
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	-----	----------

☐ 9. Document ID: US 20030013603 A1

L6: Entry 9 of 37

File: PGPB

Jan 16, 2003

PGPUB-DOCUMENT-NUMBER: 20030013603  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030013603 A1

TITLE: Catalyst comprising n-substituted cyclic imides and processes for preparing organic compounds with the catalyst

PUBLICATION-DATE: January 16, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Ishii, Yasutaka	Takatsuki-shi		JP
Nakano, Tatsuya	Himeji-shi		JP
Iwahama, Takahiro	Himeji-shi		JP
Hirai, Naruhisa	Himeji-shi		JP

US-CL-CURRENT: 502/167

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	----------

☐ 10. Document ID: US 20020177605 A1

L6: Entry 10 of 37

File: PGPB

Nov 28, 2002

PGPUB-DOCUMENT-NUMBER: 20020177605

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020177605 A1

TITLE: 3-SUBSTITUTED ISOQUINOLIN-1-YL DERIVATIVES

PUBLICATION-DATE: November 28, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Head, John Clifford	Maidenhead		GB
McKay, Catherine	Rickansworth		GB
Porter, John Robert	Chinnor		GB

US-CL-CURRENT: 514/307; 546/146

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	----------

Clear

Generate Collection

Print

Fwd Refs

Blwd Refs

Generate OACS

Terms

Documents

L5 and heteropoly\$9

37

Display Format: -

Change Format

[Previous Page](#)

[Next Page](#)

[Go to Doc#](#)

## Hit List

[First Hit](#)[Clear](#)[Generate Collection](#)[Print](#)[Fwd Refs](#)[Bkwd Refs](#)[Generate OACS](#)

Search Results - Record(s) 11 through 20 of 37 returned.

☐ 11. Document ID: US 20020169331 A1

L6: Entry 11 of 37

File: PGPB

Nov 14, 2002

PGPUB-DOCUMENT-NUMBER: 20020169331

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020169331 A1

TITLE: Method of separating imide compound

PUBLICATION-DATE: November 14, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Miura, Hiroyuki	Hyogo		JP
Watanabe, Hitoshi	Himeji-shi, Hyogo		JP
Kuwana, Akihiro	Himeji-shi, Hyogo		JP
Shimamura, Mami	Himeji-shi, Hyogo		JP
Hirai, Naruhisa	Himeji-shi, Hyogo		JP

US-CL-CURRENT: 552/1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMOC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	--------

☐ 12. Document ID: US 20020169072 A1

L6: Entry 12 of 37

File: PGPB

Nov 14, 2002

PGPUB-DOCUMENT-NUMBER: 20020169072

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020169072 A1

TITLE: Olefin polymerization catalyst and process for produing Olefin polymer with the catalyst

PUBLICATION-DATE: November 14, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Nakayama, Yasushi	Sodegaura-shi		JP
Kaneko, Hideyuki	Sodegaura-shi		JP
Bandoh, Hideki	Sodegaura-shi		JP



Sonobe, Yoshiho	Sodegaura-shi	JP
Saito, Junji	Sodegaura-shi	JP
Kojoh, Shinichi	Sodegaura-shi	JP
Mitani, Makoto	Sodegaura-shi	JP
Suzuki, Yasuhiko	Sodegaura-shi	JP
Matsui, Shigekazu	Sodegaura-shi	JP
Kashiwa, Norio	Sodegaura-shi	JP
Fujita, Terunori	Sodegaura-shi	JP

US-CL-CURRENT: 502/167; 502/202, 502/208, 502/215

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. D
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	-----	---------

☐ 13. Document ID: US 20020128149 A1

L6: Entry 13 of 37

File: PGPB

Sep 12, 2002

PGPUB-DOCUMENT-NUMBER: 20020128149

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020128149 A1

TITLE: Catalyst comprising a cyclic imide compound and process for producing organic compounds using the catalyst

PUBLICATION-DATE: September 12, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Ishii, Yasutaka	Osaka		JP
Nakano, Tatsuya	Himeji-shi		JP
Nagano, Shinya	Himeji-shi		JP
Okuyama, Naoto	Himeji-shi		JP

US-CL-CURRENT: 502/167; 548/475

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. D
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	-----	---------

☐ 14. Document ID: US 7115541 B2

L6: Entry 14 of 37

File: USPT

Oct 3, 2006

US-PAT-NO: 7115541

DOCUMENT-IDENTIFIER: US 7115541 B2

TITLE: Catalyst comprising n-substituted cyclic imides and processes for preparing organic compounds with the catalyst

## PRIOR-PUBLICATION:

DOC-ID	DATE
--------	------

US 20030013603 A1

January 16, 2003

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawn D
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	---------

☐ 15. Document ID: US 7091342 B2

L6: Entry 15 of 37

File: USPT

Aug 15, 2006

US-PAT-NO: 7091342

DOCUMENT-IDENTIFIER: US 7091342 B2

TITLE: Catalyst comprising cyclic acylurea compounds and processes for production organic compounds with the same

PRIOR-PUBLICATION:

DOC-ID

DATE

US 20050020439 A1

January 27, 2005

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawn D
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	---------

☐ 16. Document ID: US 7084090 B2

L6: Entry 16 of 37

File: USPT

Aug 1, 2006

US-PAT-NO: 7084090

DOCUMENT-IDENTIFIER: US 7084090 B2

TITLE: Catalyst comprised of n-substituted cyclic imides and processes for preparing organic compounds with the catalyst

PRIOR-PUBLICATION:

DOC-ID

DATE

US 20040053778 A1

March 18, 2004

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawn D
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	---------

☐ 17. Document ID: US 6998491 B2

L6: Entry 17 of 37

File: USPT

Feb 14, 2006

US-PAT-NO: 6998491

DOCUMENT-IDENTIFIER: US 6998491 B2

TITLE: Catalyst comprising a cyclic imide compound

PRIOR-PUBLICATION:

DOC-ID

DATE

US 20020128149 A1

September 12, 2002

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw. D
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	---------

☐ 18. Document ID: US 6897176 B2

L6: Entry 18 of 37

File: USPT

May 24, 2005

US-PAT-NO: 6897176

DOCUMENT-IDENTIFIER: US 6897176 B2

TITLE: Olefin polymerization catalyst and process for producing olefin polymer with the catalyst

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw. D
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	---------

☐ 19. Document ID: US 6444843 B1

L6: Entry 19 of 37

File: USPT

Sep 3, 2002

US-PAT-NO: 6444843

DOCUMENT-IDENTIFIER: US 6444843 B1

**\*\* See image for Certificate of Correction \*\***

TITLE: Producing method of (hydroxyalkyl) alicyclic carboxylic acids and intermediates for producing the same and producing method of such intermediates

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw. D
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	---------

☐ 20. Document ID: US 5760288 A

L6: Entry 20 of 37

File: USPT

Jun 2, 1998

US-PAT-NO: 5760288

DOCUMENT-IDENTIFIER: US 5760288 A

TITLE: Process for producing aromatic carboxylic acid

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw. D
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	---------

[Clear](#)[Generate Collection](#)[Print](#)[Fwd Refs](#)[Bkwd Refs](#)[Generate OACS](#)

Terms

Documents

L5 and heteropoly\$9

37

Display Format:  [Change Format](#)

[Previous Page](#)

[Next Page](#)

[Go to Doc#](#)

## Hit List

[First Hit](#)[Clear](#)[Generate Collection](#)[Print](#)[Fwd Refs](#)[Bkwd Refs](#)[Generate OACS](#)

Search Results - Record(s) 21 through 30 of 37 returned.

☐ 21. Document ID: US 5723694 A

L6: Entry 21 of 37

File: USPT

Mar 3, 1998

US-PAT-NO: 5723694

DOCUMENT-IDENTIFIER: US 5723694 A

\*\* See image for Certificate of Correction \*\*

TITLE: Process for preparing monomethylated or dimethylated phenols

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMOC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	--------

☐ 22. Document ID: US 5389230 A

L6: Entry 22 of 37

File: USPT

Feb 14, 1995

US-PAT-NO: 5389230

DOCUMENT-IDENTIFIER: US 5389230 A

TITLE: Catalytic hydroconversion process

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMOC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	--------

☐ 23. Document ID: US 5362382 A

L6: Entry 23 of 37

File: USPT

Nov 8, 1994

US-PAT-NO: 5362382

DOCUMENT-IDENTIFIER: US 5362382 A

TITLE: Resid hydrocracking using dispersed metal catalysts

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMOC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	--------

☐ 24. Document ID: US 5336395 A

L6: Entry 24 of 37

File: USPT

Aug 9, 1994

US-PAT-NO: 5336395

DOCUMENT-IDENTIFIER: US 5336395 A

TITLE: Liquefaction of coal with aqueous carbon monoxide pretreatment

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	--------

☐ 25. Document ID: US 5332489 A

L6: Entry 25 of 37

File: USPT

Jul 26, 1994

US-PAT-NO: 5332489

DOCUMENT-IDENTIFIER: US 5332489 A

TITLE: Hydroconversion process for a carbonaceous material

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	--------

☐ 26. Document ID: US 5200063 A

L6: Entry 26 of 37

File: USPT

Apr 6, 1993

US-PAT-NO: 5200063

DOCUMENT-IDENTIFIER: US 5200063 A

TITLE: Coal hydroconversion process comprising solvent enhanced pretreatment with carbon monoxide

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	--------

☐ 27. Document ID: US 5151173 A

L6: Entry 27 of 37

File: USPT

Sep 29, 1992

US-PAT-NO: 5151173

DOCUMENT-IDENTIFIER: US 5151173 A

TITLE: Conversion of coal with promoted carbon monoxide pretreatment

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	--------

☐ 28. Document ID: US 5110450 A

L6: Entry 28 of 37

File: USPT

May 5, 1992

US-PAT-NO: 5110450

DOCUMENT-IDENTIFIER: US 5110450 A

TITLE: Coal extract hydroconversion process comprising solvent enhanced carbon monoxide pretreatment

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	--------

☐ 29. Document ID: US 5071540 A

L6: Entry 29 of 37

File: USPT

Dec 10, 1991

US-PAT-NO: 5071540

DOCUMENT-IDENTIFIER: US 5071540 A

TITLE: Coal hydroconversion process comprising solvent extraction and combined hydroconversion and upgrading

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMCM	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	--------

☐ 30. Document ID: US 5026475 A

L6: Entry 30 of 37

File: USPT

Jun 25, 1991

US-PAT-NO: 5026475

DOCUMENT-IDENTIFIER: US 5026475 A

TITLE: Coal hydroconversion process comprising solvent extraction (OP-3472)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMCM	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	--------

[Clear](#)[Generate Collection](#)[Print](#)[Fwd Refs](#)[Bkwd Refs](#)[Generate OACS](#)

Terms

Documents

L5 and heteropoly\$9

37

Display Format: [Change Format](#)[Previous Page](#)[Next Page](#)[Go to Doc#](#)

## Hit List

[First Hit](#)[Clear](#)[Generate Collection](#)[Print](#)[Fwd Refs](#)[Bkwd Refs](#)[Generate OACS](#)

Search Results - Record(s) 31 through 37 of 37 returned.

☐ 31. Document ID: US 4357229 A

L6: Entry 31 of 37

File: USPT

Nov 2, 1982

US-PAT-NO: 4357229

DOCUMENT-IDENTIFIER: US 4357229 A

TITLE: Catalysts and hydrocarbon treating processes utilizing the same

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	-----	--------

☐ 32. Document ID: US 4348270 A

L6: Entry 32 of 37

File: USPT

Sep 7, 1982

US-PAT-NO: 4348270

DOCUMENT-IDENTIFIER: US 4348270 A

TITLE: Catalysts and hydrocarbon treating processes utilizing the same

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	-----	--------

☐ 33. Document ID: US 4295996 A

L6: Entry 33 of 37

File: USPT

Oct 20, 1981

US-PAT-NO: 4295996

DOCUMENT-IDENTIFIER: US 4295996 A

TITLE: Catalysts for hydrocarbon treating processes

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	-----	--------

☐ 34. Document ID: US 4295995 A

L6: Entry 34 of 37

File: USPT

Oct 20, 1981

US-PAT-NO: 4295995

DOCUMENT-IDENTIFIER: US 4295995 A

TITLE: Catalysts hydrocarbon treating processes



Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. D.
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	----------

☐ 35. Document ID: US 4226742 A

L6: Entry 35 of 37

File: USPT

Oct 7, 1980

US-PAT-NO: 4226742

DOCUMENT-IDENTIFIER: US 4226742 A

TITLE: Catalyst for the hydroconversion of heavy hydrocarbons

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. D.
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	----------

☐ 36. Document ID: US 4178227 A

L6: Entry 36 of 37

File: USPT

Dec 11, 1979

US-PAT-NO: 4178227

DOCUMENT-IDENTIFIER: US 4178227 A

TITLE: Combination hydroconversion, fluid coking and gasification

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. D.
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	----------

☐ 37. Document ID: US 4134825 A

L6: Entry 37 of 37

File: USPT

Jan 16, 1979

US-PAT-NO: 4134825

DOCUMENT-IDENTIFIER: US 4134825 A

TITLE: Hydroconversion of heavy hydrocarbons

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. D.
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	----------

Clear

Generate Collection

Print

Fwd Refs

Bkwd Refs

Generate OACS

Terms

Documents

L5 and heteropoly\$9

37

Display Format: -

Change Format

[Previous Page](#)

[Next Page](#)

[Go to Doc#](#)